
Mission

The purpose of the Traffic Engineering Division is to plan, design, construct, and maintain all traffic control devices (signals, signals, school flashers, roadway markings); and to provide cost effective solutions to remedy traffic safety and operational concerns for protection and comfort of Seminole County citizens.

Business Strategy

Traffic Engineering Division performs all essential engineering and operations functions related to traffic safety and efficiency elements as provided by Florida Law, the Board of County Commissioners, and in accordance with all federal, state, and local standards. These essential functions include traffic safety and operational studies, roadway signing and traffic emergency management, signals and signal systems operations and maintenance, roadway and intersection striping program, and administration of construction and professional services contracts.

Objectives

Perform maintenance operations for traffic signals and signal systems under County jurisdiction.

Perform essential operations to fabricate, install and maintain roadway signs and pavement markings.

Conduct safety and traffic operations studies to reduce frequency and severity of crashes and improve mobility.

Respond to citizen concerns regarding traffic safety and congestion problems.

Administer an efficient emergency response program for traffic control during road closures and natural disasters.

Performance Measures

	FY 99/00 Actual	FY 00/01 Estimated	FY 01/02 Goal	FY 02/03 Goal
Electronic traffic control devices maintained (signals, school flashers, warning flashers, etc.)	495	507	532	562
Number of in-house signal/flasher modification projects performed	50	85	100	115
Number of traffic studies completed (counts, speed studies, warrant studies, special studies, etc.)	1,140	1,340	1,500	1,500
Number of sign projects (work orders) completed	3,443	3,500	4,000	4,500
Cumulative miles of fiber optic communication line	45	72	90*	100*
Number of striping projects completed (lane lines, intersections, school zones, etc)	195	240	285	324

*Includes two miles of construction in each year by other entities.

Department:		PUBLIC WORKS			Seminole County	
Division:		TRAFFIC ENGINEERING			FY 2001/02	
Section:					FY 2002/03	
	1999/00 Actual Expenditures	2000/01 Adopted Budget	2001/02 Adopted Budget	Percent Change 2001/02 Budget over 2000/01 Budget	2002/03 Approved Budget	Percent Change 2002/03 Budget over 2001/02 Budget
EXPENDITURES:						
Personal Services	1,575,564	1,762,282	1,817,729	3.1%	2,033,855	11.9%
Operating Services	1,798,011	2,083,872	1,758,357	-15.6%	1,802,645	2.5%
Capital Outlay	35,765	112,409	5,000	-95.6%	10,120	102.4%
Debt Service	0	0	0		0	
Grants and Aid	0	0	0		0	
Reserves/Transfers	0	0	0		0	
Subtotal Operating	3,409,340	3,958,563	3,581,086	-9.5%	3,845,540	7.4%
Capital Improvements	1,489,323	2,035,000	3,717,300	82.7%	2,238,500	-39.8%
TOTAL EXPENDITURES	4,898,663	5,993,563	7,298,386	21.8%	6,084,040	-16.6%
FUNDING SOURCE(S)						
Transportation Trust Fund	3,633,526	4,054,563	3,867,386	-4.6%	4,019,040	3.9%
Infrastructure Tax Fund	1,265,137	1,939,000	3,431,000	76.9%	2,065,000	-39.8%
TOTAL FUNDING SOURCE(S)	4,898,663	5,993,563	7,298,386	21.8%	6,084,040	-16.6%
Full Time Positions	36	37	37		39	
Part-Time Positions	0	0	0		0	
New Programs and Highlights for Fiscal Year 2001/02						
Fiber optic communication network and Intelligent Transportation System projects						342,000
Signalization and safety projects - including joint participation from other agencies						1,283,000
Advanced Traffic Management System (funded from one-cent sales tax and is fully reimbursed by the FDOT)						1,700,000
The Division will also manage \$177,100 in 17/92 CRA funding for the design, permitting, and construction management of the conversion from span wires to Mast Arms at Fire Station #1 and at 20th St. in Sanford (third year of a four year initiative).						
New Programs and Highlights for Fiscal Year 2002/03						
Senior Coordinator - This position would serve as the system operator of the new traffic management system. Functions would include data base management, system programming, and traffic pattern implementation. This position would also interface with the Public Safety 911 dispatch for the management of the co-located traffic management center (\$56,432 personal services; \$700 operating; \$3,730 capital outlay).						60,862
Lead Technician - This position would assist in the increasing workloads related to the maintenance of the 90 miles of fiber optic cable in Seminole County. The current level of service is substandard as measured in response time (\$47,477 personal services; \$2,200 operating; \$3,890 capital outlay; \$28,000 capital).						81,567
The Division will also manage \$99,220 in 17/92 CRA funding for the design, permitting, and construction management of the conversion from span wires to Mast Arms at SR 417 in Sanford (fourth year of a four year initiative).						
Capital Improvements		2001-02	2002-03	2003-04	2004-05	2005-06
Total Project Cost		3,717,300	2,238,500	2,441,800	2,221,000	2,270,000
Total Operating Impact		0	0	135,417	442,420	86,001